



BISON

Bison Oil Well Cementing Inc.
 1547 Gaylord Street
 Denver, CO 80206
 303-296-3010

Invoice

Date	Invoice #
2/28/2013	11678

Bill To
Noble Energy Inc. Attn: Accounting 1625 Broadway Ste 2000 Denver, CO 80202

Location	Well Name & No.	Terms	Job Type		
Weld, CO	Lucci State B-03-69 HNL	Net 30	Surface Pump		
Item	Description	Qty	U/M	Rate	Amount
Pump surface	PUMP Charge-surface pipe	1			
Discount 15%	Discount 15%				
MILEAGE	Mileage charge	360			
Discount 15%	Discount 15%				
Data Acquisition ...	Data Acquisition Charge	1			
Discount 15%	Discount 15%				
Service Charge	PSI Casing Tests	1			
BFN III Winter ...	BFN III Blend	350	Sack		
Discount 15%	Discount 15%				
KCL Mud Flush	(BHS 117)	4	qt		
Discount 15%	Discount 15%				
Dye - 4880	Dye (Hot Pink 4880)	16	oz		
Discount 15%	Discount 15%				

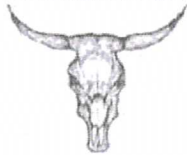
Please Remit Payment To:

Bison Oil Well Cementing, Inc.
 P.O. Box 29671
 Thornton, CO 80229

Subtotal	\$4,132.00
Sales Tax (2.9%)	\$119.73
Total	\$4,251.73
Balance Due	\$4,251.73

BISON OIL WELL CEMENTING, INC.

1547 Gaylord Street
Denver, Colorado 80206
Phone: 303-296-3010
Fax: 303-298-8143
E-mail: bisonoil1@qwestoffice.net



INVOICE #
LOCATION
FOREMAN

11678
59462
mike

TREATMENT REPORT

DATE	WELL NAME	SECTION	TWP	RGE	COUNTY
2-28-13	LUCAS STATE B-03-69 HML	1	5N	64	Weld
BILL TO	CONSULTANT				
Noble	DAVE				
OWNER	RIG NAME & NUMBER				
Noble	HHP 315				
MAILING ADDRESS	DISTANCE TO LOCATION		UNITS ON LOCATION		
	45 miles		4025-3101 4019-3211		
CITY	TIME REQUESTED		TIME ARRIVED ON LOCATION		
	10:30 AM		9:55 AM		
STATE, ZIP	TIME LEFT LOCATION				
	3:30 PM				
WELL DATA			Cement Makeup		
HOLE SIZE	TUBING SIZE	PERFORATIONS	Cement Blend	BEW 11T30% BCLA-1 251BS BFLU-1	
133/4			Cement - Specs	lbs	Yield
				152	1.27
TOTAL DEPTH	TUBING DEPTH	SHOTS/FT	Annulus Factor	Capacity Factor	
643					
CASING SIZE	TUBING WEIGHT	OPEN HOLE	17842	5257	424
9578				.0773	
CASING DEPTH	TUBING CONDITION	TREATMENT VIA	TYPE OF TREATMENT		
638.32			<input checked="" type="checkbox"/> Surface Pipe <input type="checkbox"/> Production <input type="checkbox"/> Squeeze <input type="checkbox"/> MISC Pump <input type="checkbox"/> P&A		
CASING WEIGHT	PACKER DEPTH		HYD HHP = RATE X PRESSURE / 40.8		
364					
CASING CONDITION	Good		% Excess		
			16%		
Max Rate	3.5		BBL to Pit		
Max Pressure	1000		15		

DESCRIPTION OF JOB EVENTS

Saturday meeting Rig up, ISA with Rig 131 PRETEST 1000 PSI 40 BIB's Spacer mix + Pump 392 SKS Cement BEW 11T30% BCLA-1 at 152 lbs/cf 1.27 yield or on a 1 Company man stops use DROP Plug Displace 458 BIB's New Pump Plug 150 over 1st. wait 10 min Release P&E P&E Casing up to 1000 PSI wait 15 min Release P&E WASH up Rig Down

Arrived with 600 SKS Cement 1602 Dye, 1000 KCL, Bag Sugar
Left with 250 SKS Cement & Dye 450 KCL Bag Sugar

X

CORRAL

X 2-28-13
Date

Customers hereby acknowledge and specifically agree to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.